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(11) **EP 1 188 960 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**07.01.2004 Bulletin 2004/02**

(51) Int Cl.7: **F16H 61/00, B60K 17/28**  
**// F16H61:14**

(43) Date of publication A2:  
**20.03.2002 Bulletin 2002/12**

(21) Application number: **01307886.0**

(22) Date of filing: **17.09.2001**

(84) Designated Contracting States:  
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU**  
**MC NL PT SE TR**  
Designated Extension States:  
**AL LT LV MK RO SI**

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(30) Priority: **18.09.2000 JP 2000282709**  
**18.09.2000 JP 2000282710**  
**18.09.2000 JP 2000282712**  
**13.09.2001 JP 2001278098**

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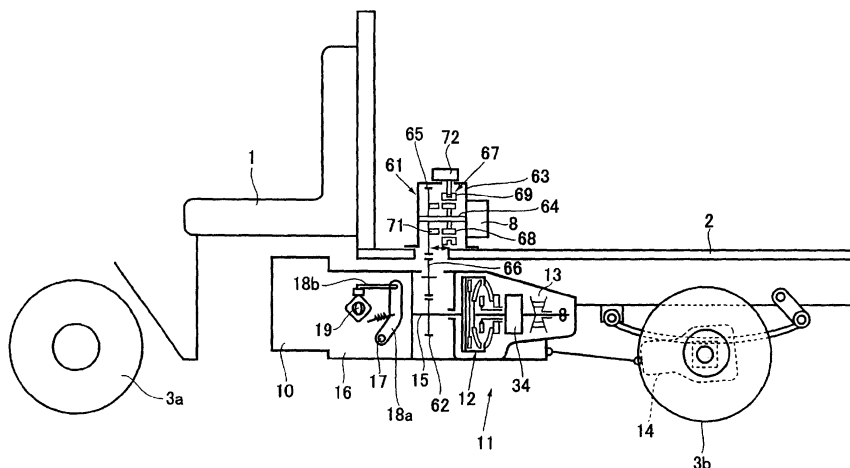
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(54) **Working vehicle**

(57) A working vehicle is provided which can be smoothly started with a large driving force, and uniformly conducts a various types of works even if a travel speed varies. A working machine such as a working pump (8), which is also driven by an engine for driving the vehicle, is mounted on the working vehicle. The power is transmitted from a crank shaft (15) of the engine to wheels through a torque converter (12) provided with a lock-up clutch and an automatic transmission (35). The crank

shaft is also connected to a driving unit for driving the working pump through gears (62,65,66). A transmission ratio of the automatic transmission is set to a predetermined value corresponding with work modes J1 - J6. In such a way, the work modes J1 - J6 are set according to characteristics of the work, in which there exists a predetermined relationship between a work amount and a vehicle speed. Therefore, fertilizer, sand, and chemicals can be appropriately and uniformly spread through a changeover of the modes.

**FIG.2**



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# EUROPEAN SEARCH REPORT

Application Number  
EP 01 30 7886

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The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>7 November 2003</b>	Examiner <b>Revilla Soler, X</b>
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03/02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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